

## ABSTRACT

In the communication system which performs the data communication by the discrete multi-tone modem scheme between a plurality of data communication units using the time-division half-duplex communication function, the ratio between the data transmission time suitable for data communication and the quasi-data transmission time dynamically changes within one period. Further, bits are assigned in such a manner that the data of one period can be transmitted during the data transmission time of that period. Dummy bits are assigned to the portions of the data transmission time to which the data to be transmitted has not been assigned.